

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 139 AMENDMENT	562-258-10-19-89	99

TASK TITLE: (NTE 80 characters; include Project name)

**WARP Power Supply Services**

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Arthur P. Ruitberg <i>Arthur P. Ruitberg</i>	8/31/99	563	563	301-286-4812
BRANCH HEAD	DATE	CODE		PHONE
Marlon Enciso <i>Marlon R. Enciso</i>	9/1/99	563		301-286-5485
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lebar, Jr. <i>Robert S. Lebar, Jr.</i>	9/9/99	560		301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[x] NO [ ] YES	Larry Moore			

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

**C.O. Requested Quote on:**

**Date:** SEP 10 1999

Contractor will develop specification or statement of work under this task for a future procurement. [x] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [x] NO [ ] YES [ ] N/A

Government Furnished Property/Facilities: [x] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [ ] NO [x] YES If yes: [x] TOTAL [ ] PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [x] NO [ ] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be September 10, 1999.

**INCENTIVE FEE STRUCTUR (check one)**

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	x No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 22,759

The target fee of this task order is \$ 175

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 22,934

The maximum fee is \$ 256

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Lorrie L. Eakin*  
SIGNATURE OF CONTRACTING OFFICER

11/8/99  
DATE

Lorrie L. Eakin  
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

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TASK NO.

AMENDMENT

QSS Group, Inc.

NAS5-

99124

139

Applicable paragraphs from contract Statement of Work: Function 3.E.4.e Power Systems, Low Power Conditioning Electronics

### STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide services for the WARP power supply. The contractor shall be familiar with the LVPC design, flight unit layout, and testing of breadboard/flight unit. The contractor shall be knowledgeable of the power and power switching requirements of the LVPC design. The contractor shall be experienced with test and diagnostic techniques of flight power electronics hardware and integration of this hardware.

1. The contractor shall assist in troubleshooting electrical systems problems pertaining to the LVPC, and, if necessary, produce modifications to the LVPC.
2. The contractor shall examine data to verify proper LVPC functioning during the EO-1 spacecraft integration and spacecraft environmental testing.

### PERFORMANCE SPECIFICATIONS:

All testing and data analysis under this task are to be produced using industry standard practice.

### APPLICABLE DOCUMENTS:

1. WARP internal interface documents.
2. WARP LVPC schematics, test procedures, and assembly drawings.
3. EO-1 spacecraft interface requirements.
4. EO-1 environmental test procedures.

TASK END DATE: 11/30/99

### MILESTONES/DELIVERABLES AND DATES:

Spacecraft EMI Test Test summary data package within 1 week of completion of test.  
Spacecraft T/V Test Test summary data package within 1 week of completion of test.

Weekly data report submission.  
Monthly data report submission.

### PERFORMANCE STANDARDS:

**Schedule:** On-time delivery of the above.

**Technical:** ATR's acceptance of the above.

### FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Arthur Ruitberg, Building 20, Room 47